Listing of Claims

The following list of claims will replace all prior versions and listings of claims in the application.

1-15. (Canceled)

16. (Currently Amended) A method of reducing endothelial injury in a subject, comprising administering an effective endothelial-protecting amount of erythropoietin to said subject in need thereof,

wherein said endothelial injury is caused by a chemotherapeutic agent administered in a manner selected from the group consisting of intravenous, intramuscular, intraperitoneal, subcutaneous, intratumor, and intrapleural injection.

17-21. (Canceled)

22. (Previously Presented) A method according to claim 16, wherein said erythropoietin is administered intravenously.

23-30. (Canceled)

31. (Currently Amended) A method of treating endothelial injury in a subject, comprising intravenously administering an effective endothelial-protecting amount of erythropoietin to said subject in need of such treatment,

wherein said effective endothelial-protecting amount of erythropoietin reduces or prevents the suppression of endothelial growth associated with endothelial injury caused by a chemotherapeutic agent selected from the group consisting of cisplatin, carboplatin and mitomycin and said endothelial-protecting amount of erythropoietin is a dosage in a range of about 100 Units per kilogram to about 200 Units per kilogram.

32. (Canceled)

33. (Previously Presented) A method according to claim 16, wherein said erythropoietin is administered in an amount of from about 100 Units per kilogram to about 200 Units per kilogram.

34-41. (Canceled)

42. (Previously Presented) A method of claim 16, wherein said chemotherapeutic agent is cisplatin.

43. (Canceled)

44. (Currently Amended) A method according to claim 16, wherein said erythropoietin is administered in an amount of from about 50 Units per kilogram to about 150 Units per kilogram.

45-46. (Canceled)

47. (Previously Presented) A method according to claim 16, wherein said chemotherapeutic agent is cisplatin, carboplatin or mitomycin.